

Serial No.: 10/501,797
Examiner: Lydia E. Edwards
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Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently amended) A temperature detecting analytical device comprising a housing including a mounting portion for mounting an analytical tool capable of outputting information for computation, a computation unit for conducting computation for analyzing a sample based on said information for computation, and a temperature detection unit for outputting ~~the~~ temperature information,

~~wherein said temperature detection unit is disposed in said mounting portion~~
comprises a table having a projecting portion protruding from said housing;

wherein said analytical tool comprises a reagent portion which is located on said projecting portion of said table outside said housing when said analytical tool is mounted onto said mounting portion; and

wherein said temperature detection unit is located on said projecting portion of said table directly below said reagent portion when said analytical tool is mounted on said mounting portion.

2. (Original) The temperature detecting analytical device according to claim 1, which further comprises a temperature correction unit for correcting the computation results obtained in said computation unit, based on said temperature information.

3. (Original) The temperature detecting analytical device according to claim 1, wherein said temperature detection unit comprises a contact type temperature sensor.

4. (Currently amended) The temperature detecting analytical device according to claim 3, wherein said temperature detection unit comprises a thermally conductive portion having a contact surface ~~to be brought into for~~ for contact with said temperature sensor and said analytical tool.

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5. (Currently amended) The temperature detecting analytical device according to claim 4, wherein said thermally conductive portion is formed of ~~from~~ a material with a thermal conductivity of higher than $0.10 \text{ cal}/(^{\circ}\text{C}\cdot\text{cm}\cdot\text{sec})$.
6. (Currently amended) The temperature detecting analytical device according to claim 5, wherein said thermally conductive portion is formed of ~~from~~ a material with a thermal conductivity of higher than $0.15 \text{ cal}/(^{\circ}\text{C}\cdot\text{cm}\cdot\text{sec})$.
7. (Canceled)
8. (Currently amended) The temperature detecting analytical device according to claim 4, wherein said temperature sensor and said thermally conductive portion ~~are disposed in said mounting portion in which they are sealed with a resin package in said projecting portion of said table.~~
9. (Currently amended) The temperature detecting analytical device according to claim 3, wherein said temperature detection unit comprises a contact type temperature sensor, and
the temperature sensor is disposed so as to be in direct contact with said analytical tool when said analytical tool is mounted on said mounting portion.
10. (Original) The temperature detecting analytical device according to claim 1, wherein said temperature detection unit comprises a non-contact type temperature sensor.
11. (Canceled)
12. (Currently amended) The temperature detecting analytical device according to claim 1 ~~44~~, wherein said reagent portion comprises an enzyme.

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13. (Currently amended) The temperature detecting analytical device according to claim 12, wherein said enzyme has a catalytic action with respect to ~~the~~ oxidation reaction of glucose.

14. (Original) The temperature detecting analytical device according to claim 1, wherein said analytical tool is disposable.

15. (Currently amended) The temperature detecting analytical device according to claim 1, wherein said mounting portion comprises an insertion portion for inserting an the end portion of said analytical tool ~~and a table portion for installing said analytical tool, said temperature detection unit being disposed in said table portion.~~

16. (Canceled)

17. (Currently amended) The temperature detecting analytical device according to claim 15, ~~wherein further comprising a push-down portion disposed in said housing for pushing down said analytical tool down with respect to against said table portion is disposed in said mounting portion.~~

18. (Currently amended) The temperature detecting analytical device according to claim 17, wherein ~~when an~~ said analytical tool comprises ~~comprising~~ an output unit for outputting said information for computation ~~is used as said analytical tool,~~

said push-down portion ~~has a capability of~~ being brought into contact with said output unit and inputting said information for computing.

19. (Currently amended) The temperature detecting analytical device according to claim 18, wherein said push-down portion is an electrically conductive ~~a~~ plate spring ~~formed from a conductor.~~